

ABSTRACT

A controller comprises power transmitting means (11) for amplifying the force applied on the operating shaft (6) and transmitting to the valve rod (4); and a slow start means (12) for slowly moving the operating shaft (6) upward are arranged. The slow start means (12) includes a piston (8) that moves up and down with respect to the operating shaft (6); a pressure spring (44), arranged between a pressure spring receiver (43) arranged at the operating shaft (6) and the piston (8); a constantly opened communication passage (47) and an auxiliary communication passage (49) for communicating the pressure chamber (10) and the operation gas introducing chamber (27); a flow adjusting valve (48) provided in the constantly opened communication passage (47); and an open-close valve (50), arranged in the auxiliary communication passage (49), for opening the communication passage (49) when the piston (8) is at the lower most position and closing the communication passage (49) when raised from the lower most position by a predetermined distance and reaching the auxiliary communication shut off position.